

Data Path : Z:\HPCHEM1\BNA E\DATA\BE082815\
 Data File : BE090658.D
 Acq On : 28 Aug 2015 16:29
 Operator : UM/IZ
 Sample : G3460-02
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :

Quant Time: Aug 31 04:51:57 2015
 Quant Method : Z:\HPCHEM1\BNA E\METHODS\8270-SIM-BE081415.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Aug 14 16:52:42 2015
 Response via : Initial Calibration

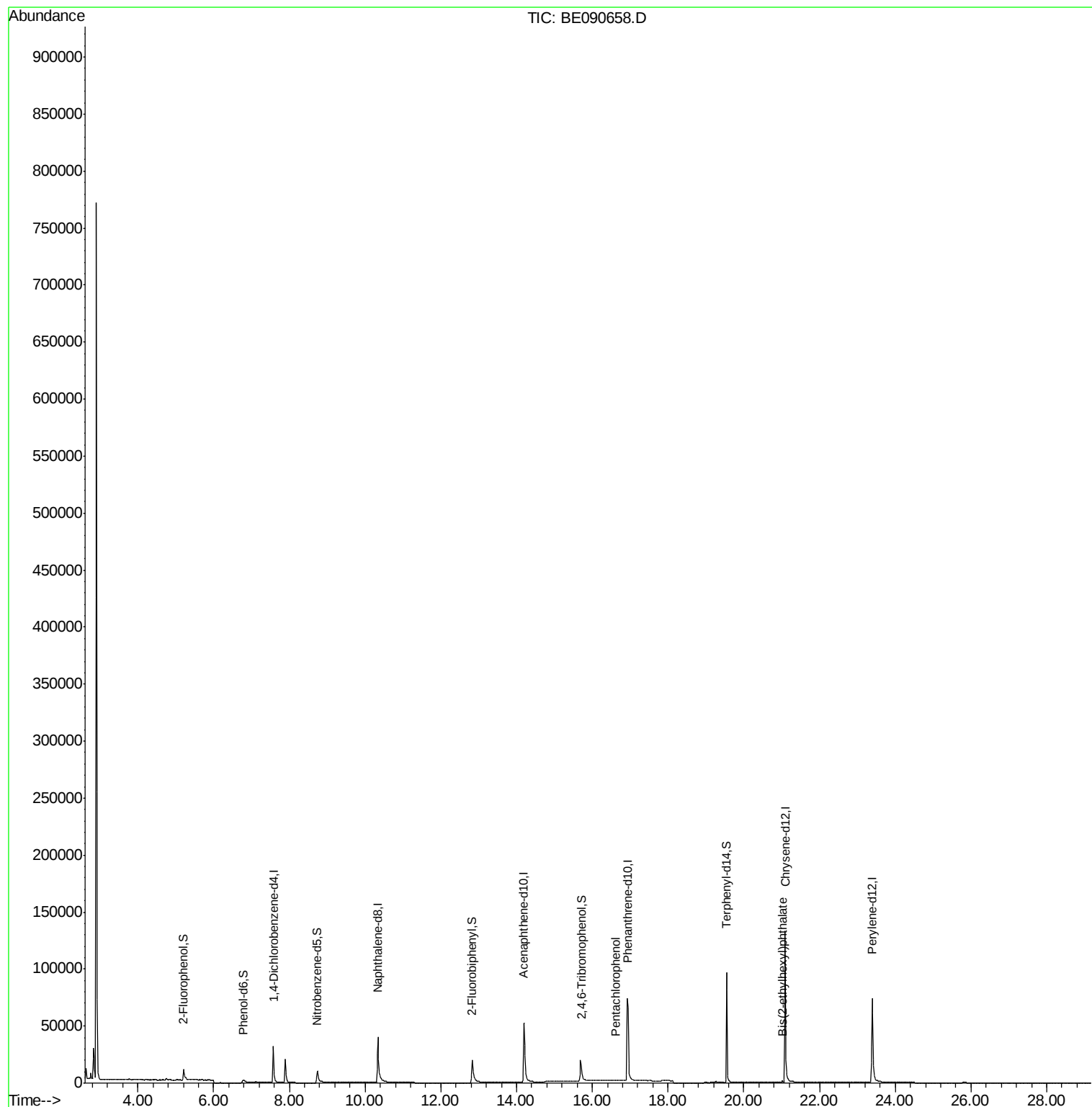
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.58	152	20259	5.00	ng	0.00
6) Naphthalene-d8	10.34	136	87392	5.00	ng	0.00
12) Acenaphthene-d10	14.20	164	51769	5.00	ng	0.00
18) Phenanthrene-d10	16.94	188	139605	5.00	ng	0.00
25) Chrysene-d12	21.09	240	152505	5.00	ng	0.00
32) Perylene-d12	23.39	264	128969	5.00	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.21	112	10999	1.88	ng	0.00
5) Phenol-d6	6.78	99	8242	0.96	ng	0.00
7) Nitrobenzene-d5	8.74	82	19644	2.82	ng	0.01
13) 2,4,6-Tribromophenol	15.71	330	12383	6.22	ng	0.00
14) 2-Fluorobiphenyl	12.83	172	45040	2.91	ng	0.01
27) Terphenyl-d14	19.55	244	109038	3.91	ng	0.00
Target Compounds						
2) 1,4-Dioxane	3.19	88	89	Below Cal	#	33
21) Pentachlorophenol	16.61	266	21	0.31 ng	#	67
30) Bis(2-ethylhexyl)phthalate	21.02	149	1515	0.20 ng		99

(#) = qualifier out of range (m) = manual integration (+) = signals summed

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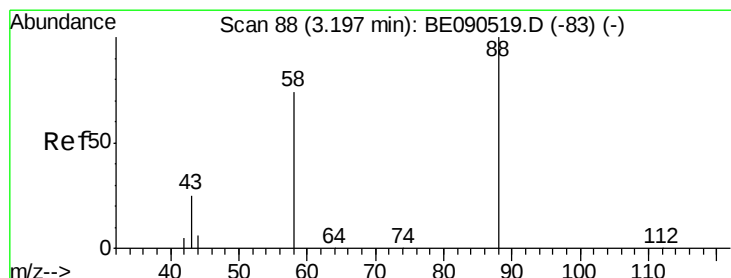
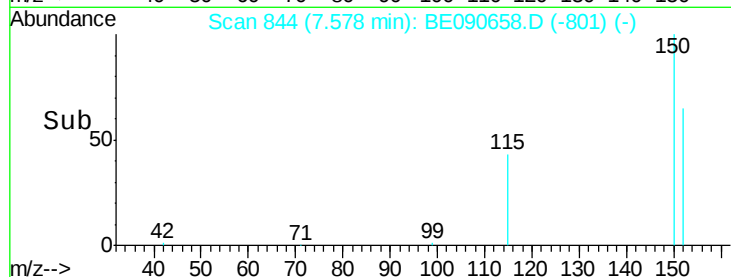
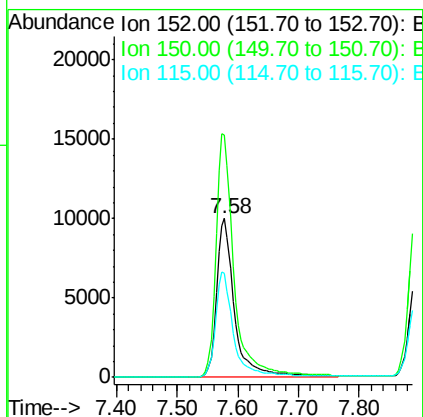
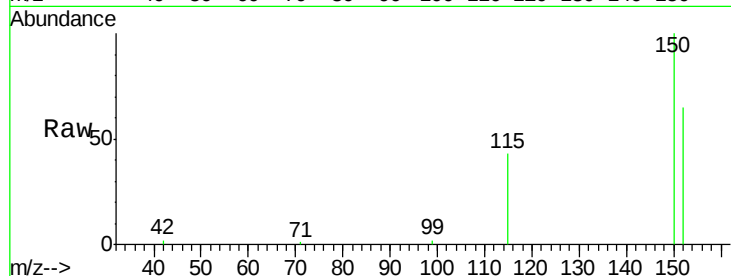


#1

1,4-Dichlorobenzene-d4
Concen: 5.00 ng
RT: 7.58 min Scan# 844
Delta R.T. -0.01 min
Lab File: BE090658.D
Acq: 28 Aug 2015 16:29

Instrument :
BNA_E
ClientSampleId :

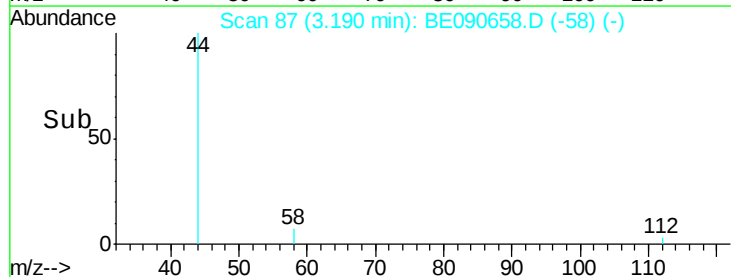
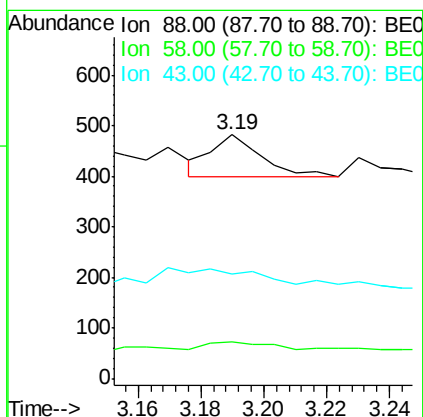
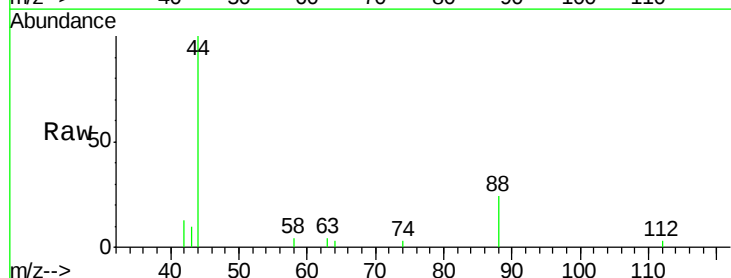
Tot Ion:152 Resp: 20259
Ion Ratio Lower Upper
152 100
150 153.2 123.0 184.4
115 65.6 48.9 73.3



#2

1,4-Dioxane
Concen: Below Cal
RT: 3.19 min Scan# 87
Delta R.T. -0.01 min
Lab File: BE090658.D
Acq: 28 Aug 2015 16:29

Tgt Ion: 88 Resp: 89
Ion Ratio Lower Upper
88 100
58 22.5 70.0 105.0#
43 0.0 28.4 42.6#





#4

2-Fluorophenol

Concen: 1.88 ng

RT: 5.21 min Scan# 385

Delta R.T. -0.01 min

Lab File: BE090658.D

Acq: 28 Aug 2015 16:29

Instrument :

BNA_E

ClientSampled :

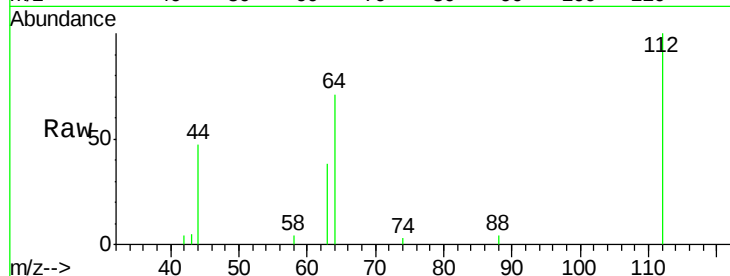
Tot Ion:112 Resp: 10999

Ion Ratio Lower Upper

112 100

64 72.0 37.1 55.7#

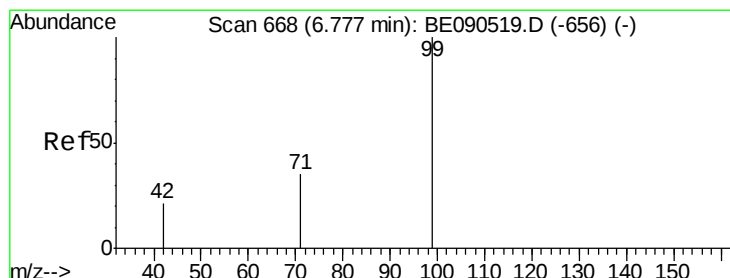
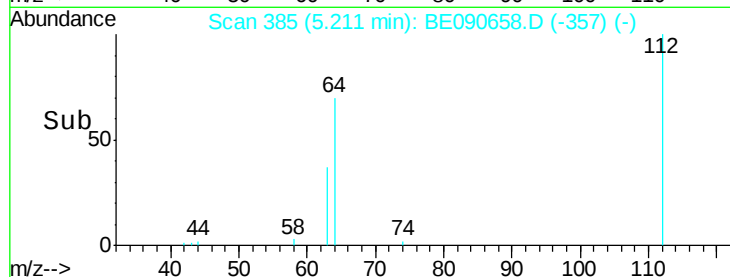
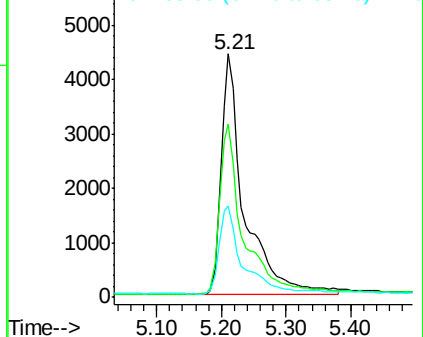
63 37.5 19.5 29.3#



Abundance Ion 112.00 (111.70 to 112.70): BE0

Ion 64.00 (63.70 to 64.70): BE0

Ion 63.00 (62.70 to 63.70): BE0



#5

Phenol-d6

Concen: 0.96 ng

RT: 6.78 min Scan# 669

Delta R.T. 0.00 min

Lab File: BE090658.D

Acq: 28 Aug 2015 16:29

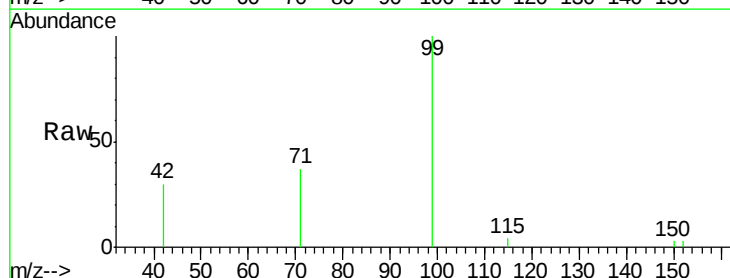
Tgt Ion: 99 Resp: 8242

Ion Ratio Lower Upper

99 100

42 19.4 18.2 27.4

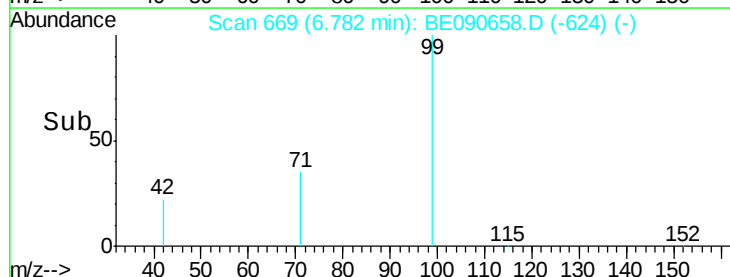
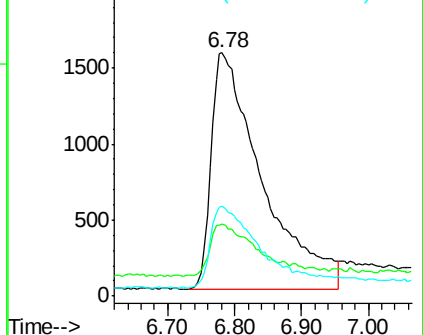
71 35.0 27.4 41.0

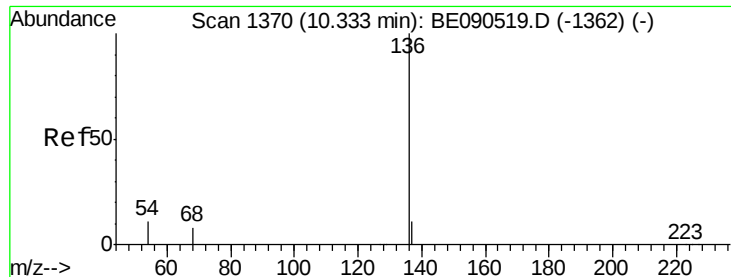


Abundance Ion 99.00 (98.70 to 99.70): BE0

Ion 42.00 (41.70 to 42.70): BE0

Ion 71.00 (70.70 to 71.70): BE0

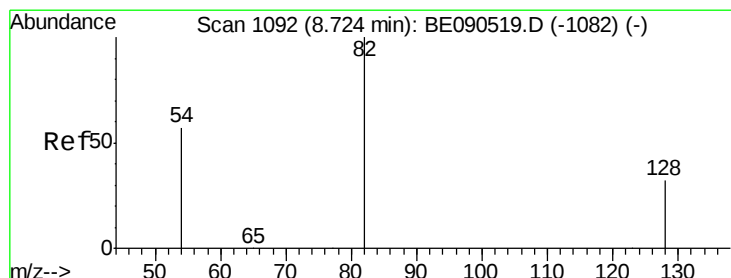
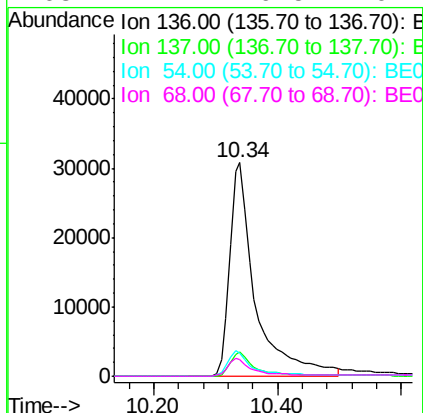
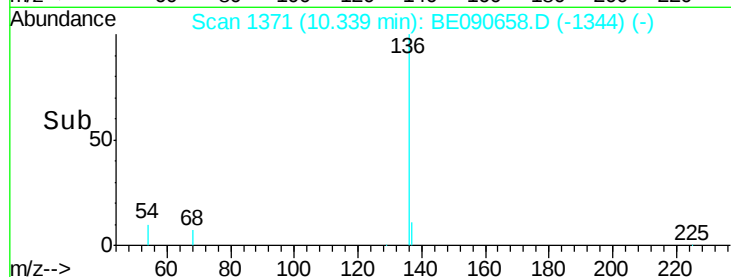
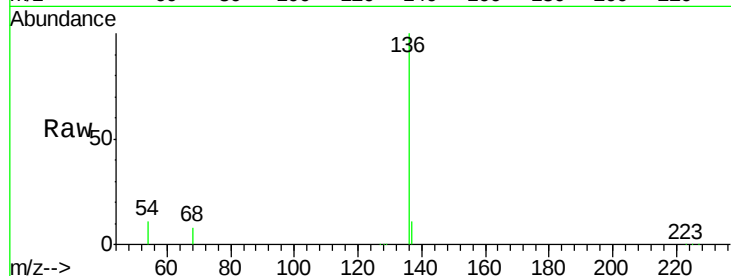




#6
Naphthalene-d8
Concen: 5.00 ng
RT: 10.34 min Scan# 1371
Delta R.T. 0.01 min
Lab File: BE090658.D
Acq: 28 Aug 2015 16:29

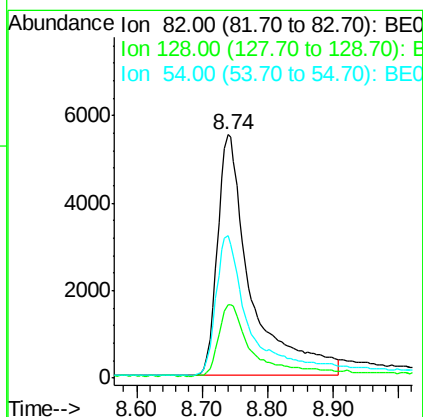
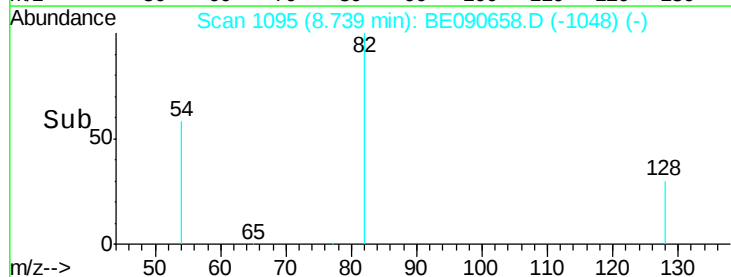
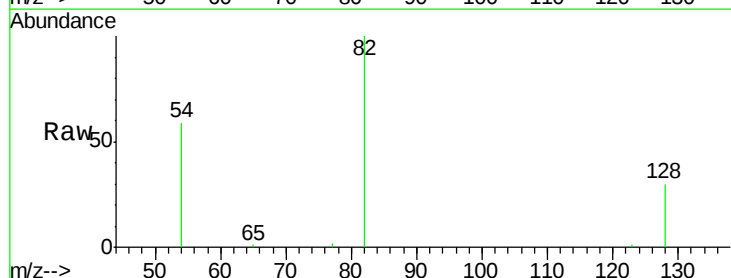
Instrument :
BNA_E
ClientSampleId :

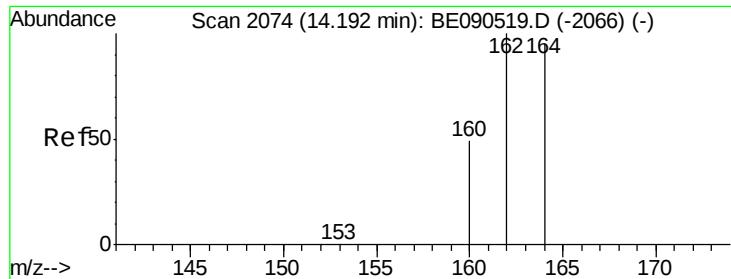
Tot Ion:136	Resp:	87392
Ion Ratio	Lower	Upper
136	100	
137	11.2	8.7 13.1
54	10.7	9.4 14.0
68	7.7	6.5 9.7



#7
Nitrobenzene-d5
Concen: 2.82 ng
RT: 8.74 min Scan# 1095
Delta R.T. 0.01 min
Lab File: BE090658.D
Acq: 28 Aug 2015 16:29

Tgt Ion: 82	Resp:	19644
Ion Ratio	Lower	Upper
82	100	
128	30.1	25.0 37.6
54	58.5	48.8 73.2





#12

Acenaphthene-d10

Concen: 5.00 ng

RT: 14.20 min Scan# 2075

Delta R.T. 0.01 min

Lab File: BE090658.D

Acq: 28 Aug 2015 16:29

Instrument :

BNA_E

ClientSampleId :

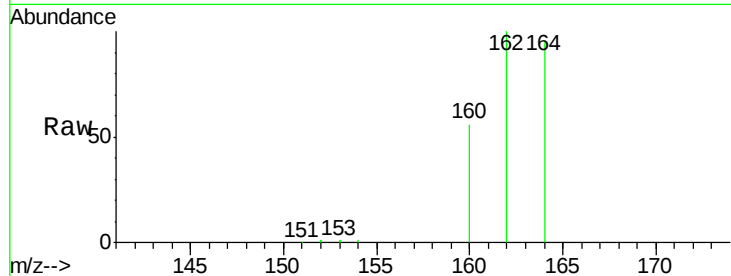
Tot Ion:164 Resp: 51769

Ion Ratio Lower Upper

164 100

162 105.8 81.8 122.8

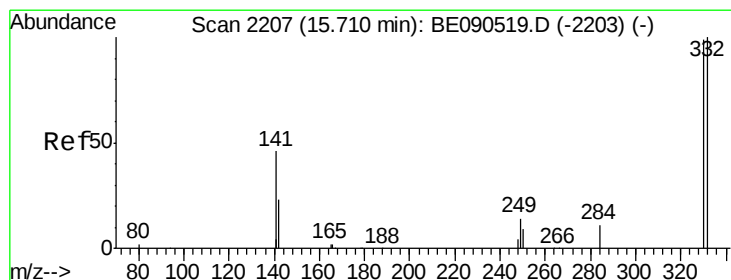
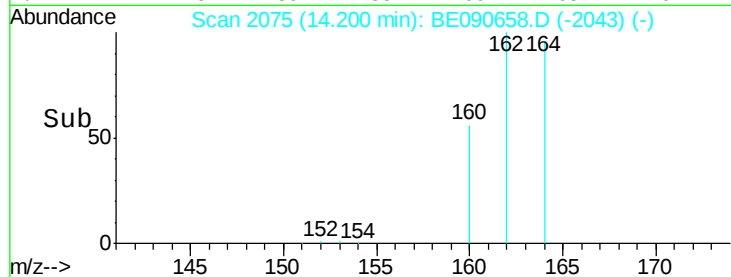
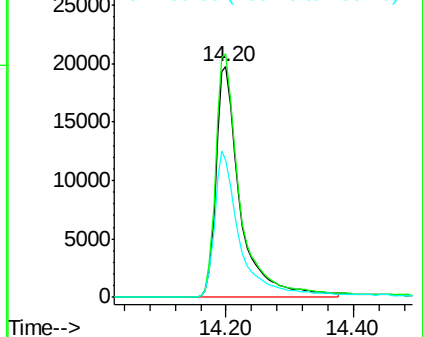
160 59.7 44.2 66.4



Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#13

2,4,6-Tribromophenol

Concen: 6.22 ng

RT: 15.71 min Scan# 2206

Delta R.T. -0.00 min

Lab File: BE090658.D

Acq: 28 Aug 2015 16:29

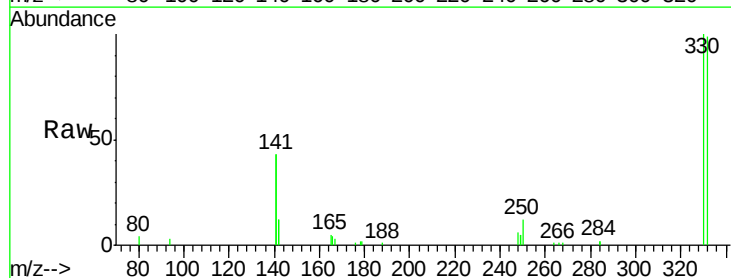
Tgt Ion:330 Resp: 12383

Ion Ratio Lower Upper

330 100

332 95.9 75.8 113.6

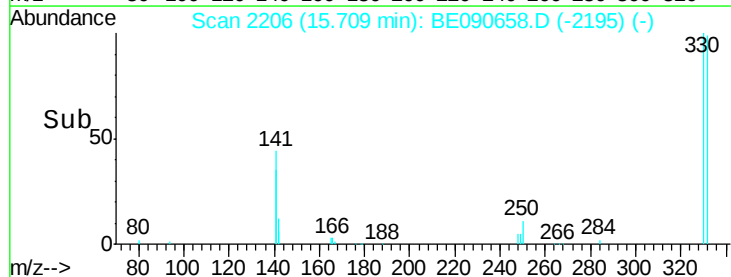
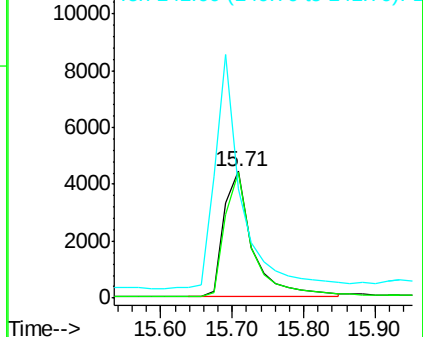
141 173.6 114.4 171.6#

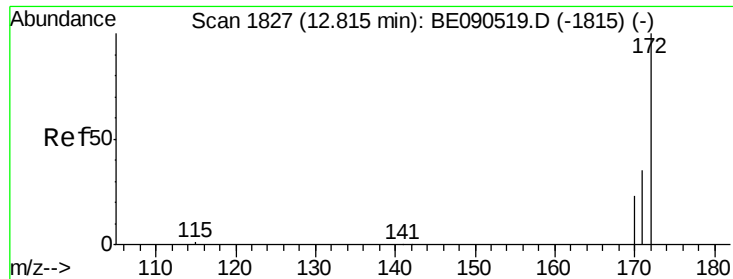


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

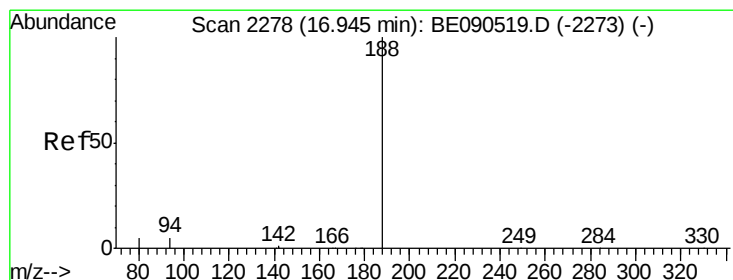
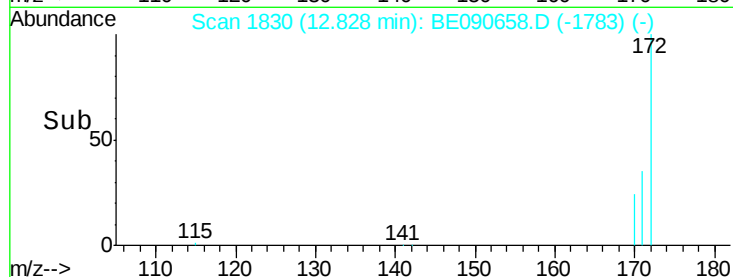
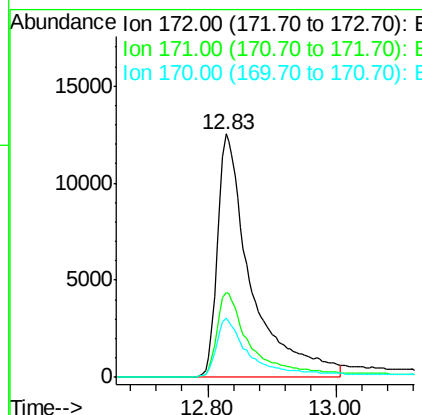
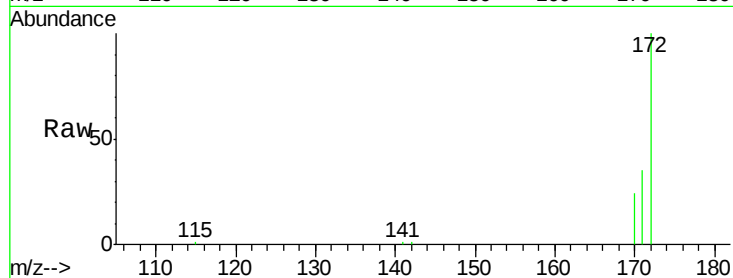




#14
2-Fluorobiphenyl
Concen: 2.91 ng
RT: 12.83 min Scan# 1830
Delta R.T. 0.01 min
Lab File: BE090658.D
Acq: 28 Aug 2015 16:29

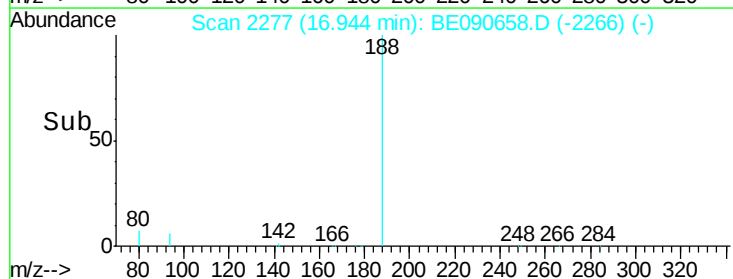
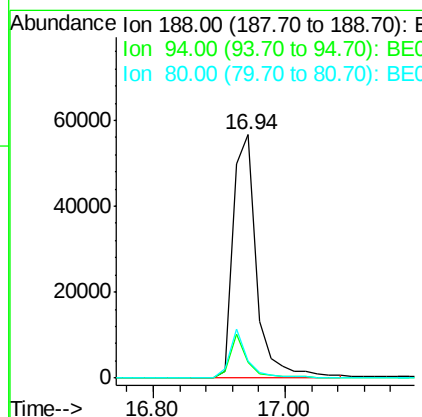
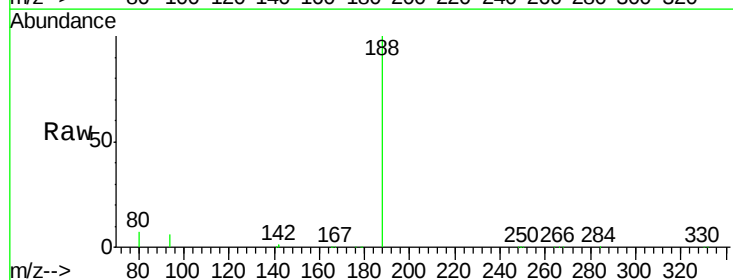
Instrument :
BNA_E
ClientSampleId :

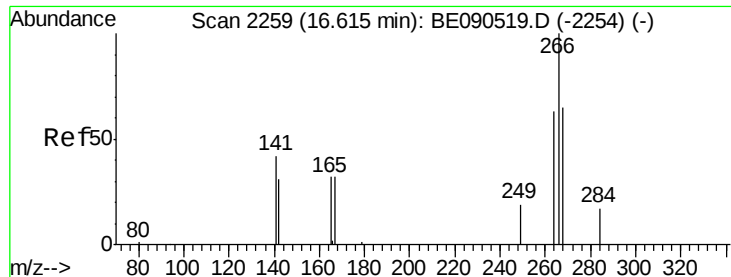
Tot Ion:172 Resp: 45040
Ion Ratio Lower Upper
172 100
171 34.8 28.5 42.7
170 24.4 19.8 29.8



#18
Phenanthrene-d10
Concen: 5.00 ng
RT: 16.94 min Scan# 2277
Delta R.T. -0.00 min
Lab File: BE090658.D
Acq: 28 Aug 2015 16:29

Tgt Ion:188 Resp: 139605
Ion Ratio Lower Upper
188 100
94 6.3 5.7 8.5
80 6.8 5.8 8.8

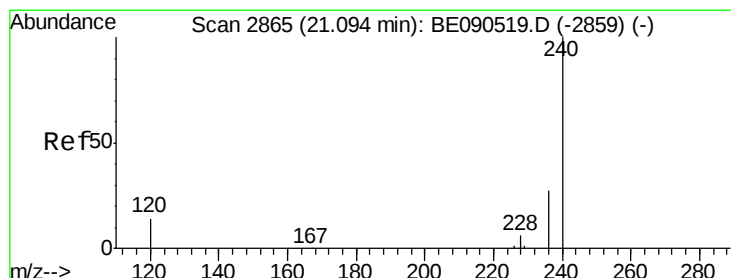
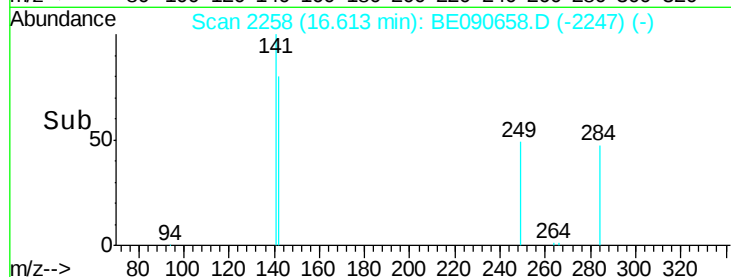
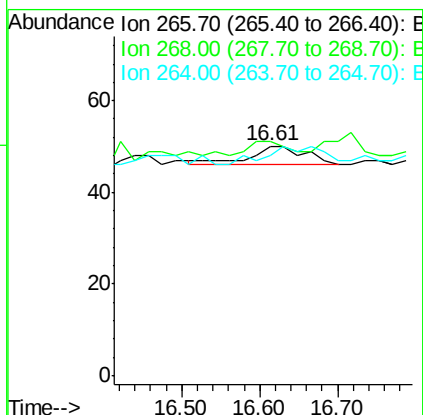
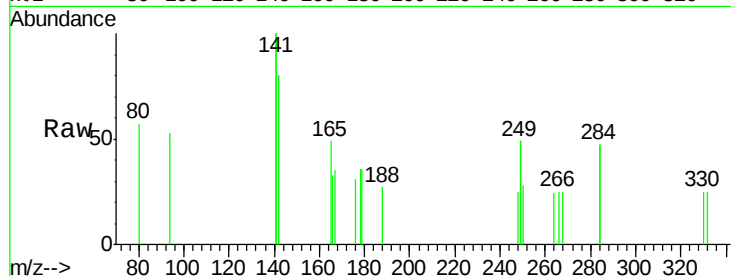




#21
 Pentachlorophenol
 Concen: 0.31 ng
 RT: 16.61 min Scan# 2258
 Delta R.T. -0.00 min
 Lab File: BE090658.D
 Acq: 28 Aug 2015 16:29

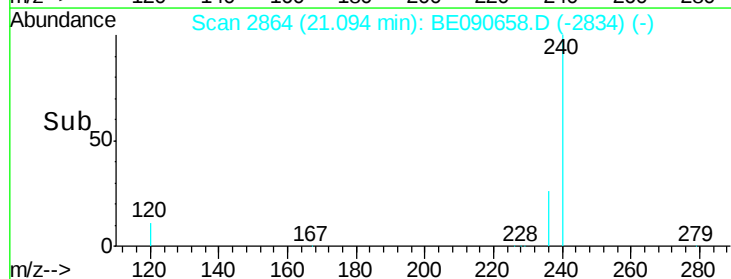
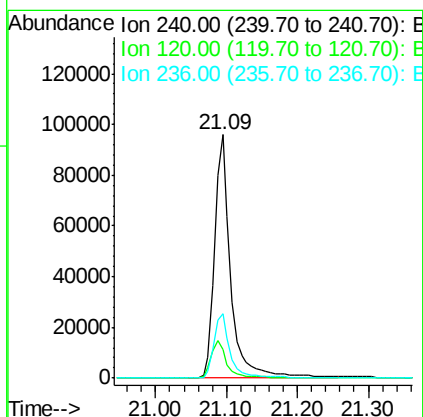
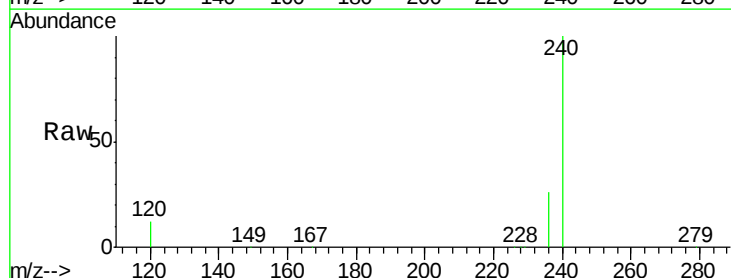
Instrument :
 BNA_E
 ClientSampleId :

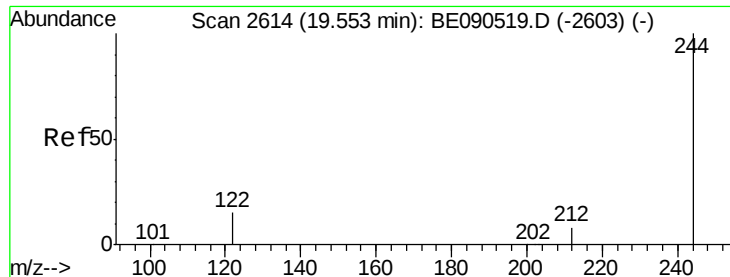
Tot Ion:266 Resp: 21
 Ion Ratio Lower Upper
 266 100
 268 102.0 58.5 87.7#
 264 96.0 56.0 84.0#



#25
 Chrysene-d12
 Concen: 5.00 ng
 RT: 21.09 min Scan# 2864
 Delta R.T. 0.00 min
 Lab File: BE090658.D
 Acq: 28 Aug 2015 16:29

Tgt Ion:240 Resp: 152505
 Ion Ratio Lower Upper
 240 100
 120 11.5 8.3 12.5
 236 26.3 21.0 31.4

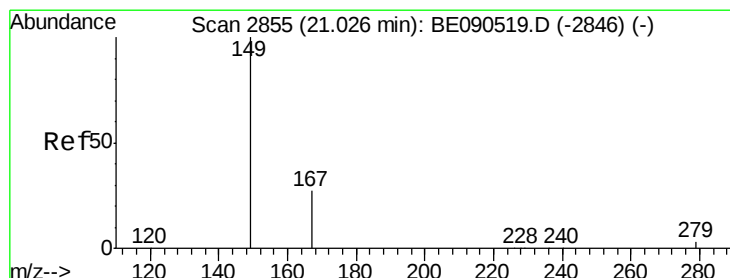
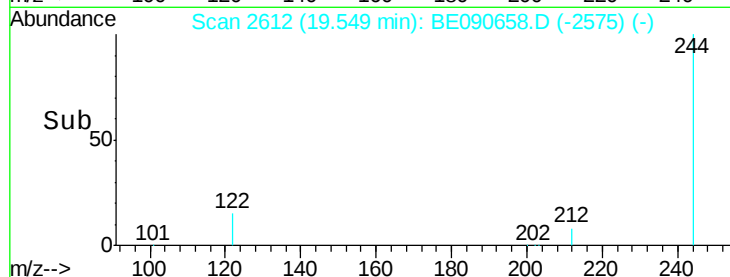
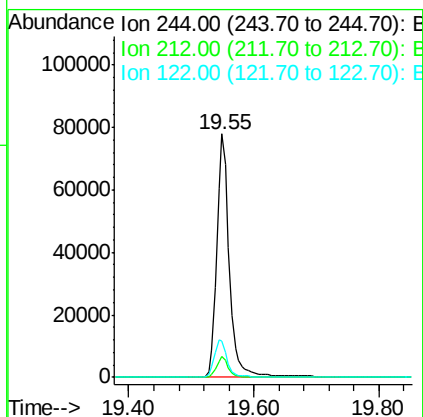
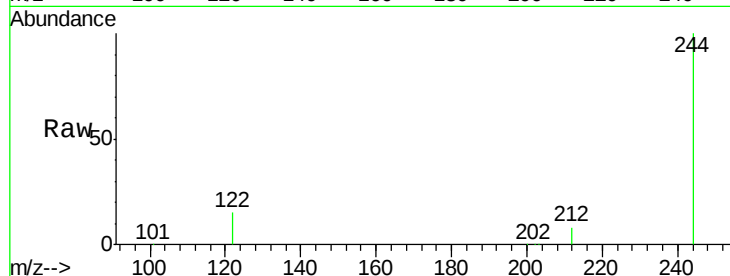




#27
 Terphenyl-d14
 Concen: 3.91 ng
 RT: 19.55 min Scan# 2612
 Delta R.T. -0.00 min
 Lab File: BE090658.D
 Acq: 28 Aug 2015 16:29

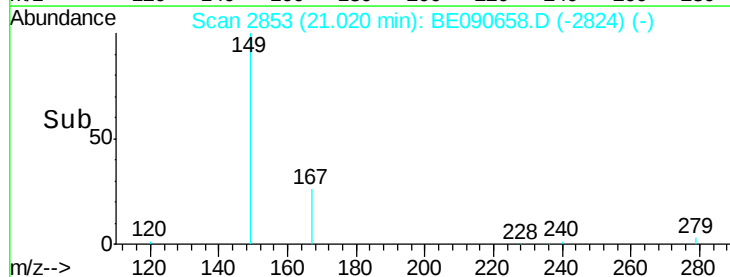
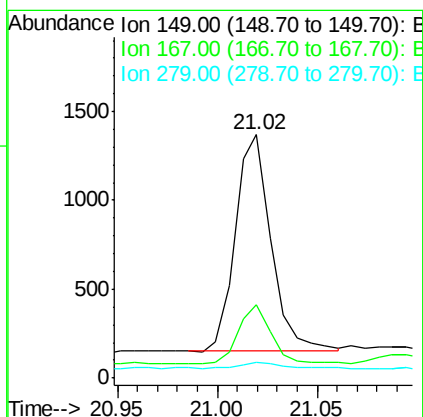
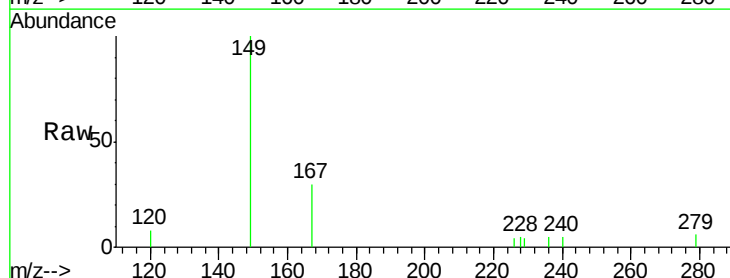
Instrument :
 BNA_E
 ClientSampleId :

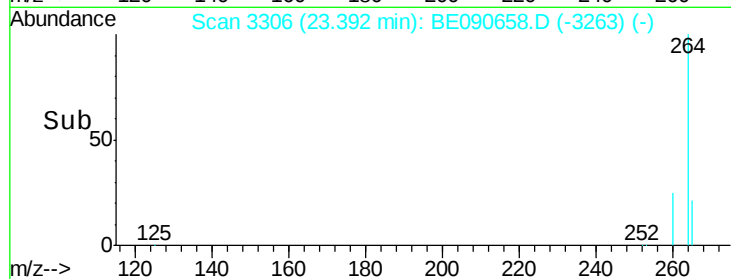
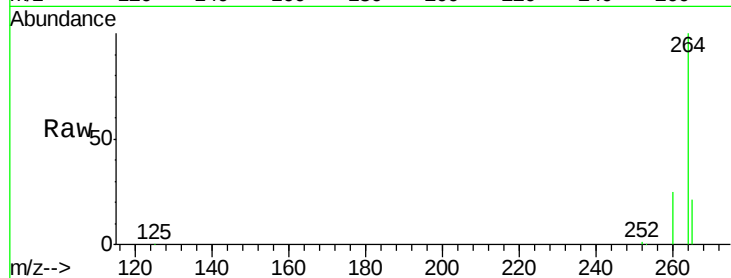
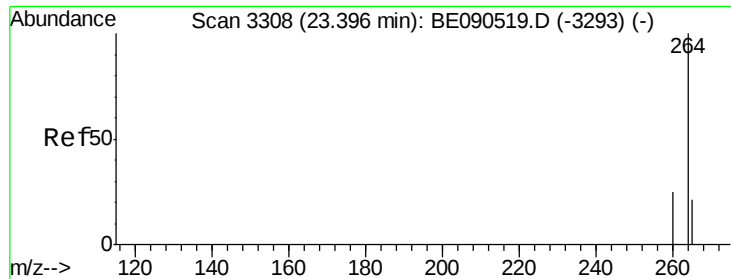
Tot Ion:244 Resp: 109038
 Ion Ratio Lower Upper
 244 100
 212 8.3 6.6 9.8
 122 15.0 10.2 15.4



#30
 Bis(2-ethylhexyl)phthalate
 Concen: 0.20 ng
 RT: 21.02 min Scan# 2853
 Delta R.T. -0.01 min
 Lab File: BE090658.D
 Acq: 28 Aug 2015 16:29

Tgt Ion:149 Resp: 1515
 Ion Ratio Lower Upper
 149 100
 167 24.4 19.8 29.8
 279 3.2 2.4 3.6





#32
 Pervlene-d12
 Concen: 5.00 ng
 RT: 23.39 min Scan# 3306
 Delta R.T. -0.00 min
 Lab File: BE090658.D
 Acq: 28 Aug 2015 16:29

Instrument :
 BNA_E
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	25.2	20.1	30.1
265	21.4	17.2	25.8

